

[ABSTRACT]

A method has been described of preparing monodisperse polymer
5 particles by free radical polymerization or copolymerization of
hydrophobic monomers in a water-based system in the presence of
cyclodextrin, characterized in that said free radical polymerization
is performed with semi-continuous addition of monomer , wherein said
monomer is absent before initiating polymerization, and in that a
10 total solid contents of less than 30 % by weight is present in said
water-based system, in order to provide monodisperse polymer
particles which are very suitable for use in many applications as
e.g. in inks or toners, in photonic crystal films, in thermal
printing plates for computer-to-plate or computer-to-press
15 applications, in inkjet media, in displays, in photographic films,
or as a spacing agent.

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